

IN THE CLAIMS:

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (previously presented) A storage apparatus system comprising:
a plurality of controllers; and
a plurality of disk drives connected to said controllers,
wherein each of said controllers comprises:
a first interface connected to a computer,
a second interface connected to said disk drives, and
a first memory connected to said first and second interfaces, and
wherein said first memory of said controller is interconnected to other first
memories of the other controllers by a first communication line, and
wherein said first memory temporarily stores data which is written to or read
from said disk drives via said first and second interfaces in response to an access
request from said computer.

2. (previously presented) The storage apparatus system according to
claim 1, wherein each of said controllers further comprises:
a second memory connected to said first and second interfaces, and
wherein said second memory of said controller is interconnected to other
second memories of the other controllers by a second communication line.

3. (currently amended) The storage apparatus system according to claim 2, wherein each of said first memories is a shared-cache memory, and each of said second memories is a cache-shared memory for storing control information.

4. (previously presented) The storage apparatus system according to claim 3, wherein said second memories are connected through switches to said first and second interfaces.

5. (previously presented) The storage apparatus system according to claim 4, wherein each of said first and second communication lines is composed of switches.

6. (original) The storage apparatus system according to claim 5, wherein said first communication line is the same as said second communication line.